



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

**\*BIBDATASHEET\*****CONFIRMATION NO. 3762**

Bib Data Sheet

SERIAL NUMBER 09/786,642	FILING DATE 03/07/2001  RULE	CLASS 704	GROUP ART UNIT 2655	ATTORNEY DOCKET NO. MAD-C057
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

Hideki Kawahara, Kainan-shi, JAPAN;  
 Toshio Irino, Soraku-gun, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\***  
 This application is a 371 of PCT/JP00/04455 07/05/2000

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***  
 JAPAN 11-192437 07/07/1999

Foreign Priority claimed 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Verified and Acknowledged <u>mm</u> Examiner's Signature Initials	STATE OR COUNTRY JAPAN	SHEETS DRAWING 14	TOTAL CLAIMS 3	INDEPENDENT CLAIMS 1
--	------------------------------	-------------------------	----------------------	----------------------------

ADDRESS  
 30132  
 GEORGE A. LOUD  
 3137 MOUNT VERNON AVENUE  
 ALEXANDRIA , VA  
 22305

TITLE  
 METHOD AND APPARATUS FOR FUNDAMENTAL FREQUENCY EXTRACTION OR DETECTION IN SPEECH

FILING FEE  RECEIVED 860	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---